



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

#4/A
J. EVANS
7-26-02

In re Patent Application of:
RICO ET AL.

Serial No. 09/731,501

Filing Date: DECEMBER 7, 2000

For: METHOD AND APPARATUS TO TUNE
ROTOR'S TORSIONAL NATURAL
FREQUENCY BY GEOMETRY OF
ROTOR WINDING SLOT

)
)
) Examiner: G. Perez
)
) Art Unit: 2834
)
) Attorney Docket No. 24164

AMENDMENT

Director, U.S. Patent and Trademark Office
Washington, D.C. 20231

Sir:

RECEIVED
JUL 17 2002
TECHNOLOGY CENTER 2800

Responsive to the Office Action of April 9, 2002,
please enter the amendments and remarks set out below.

In the Claims:

Claim 9 has been amended as follows:

9. (Amended) A rotor comprising:

a rotor shaft;

a cylindrically configured rotor body formed as part
of the shaft and having a plurality of radially projecting
winding teeth that define winding slots for receiving winding
wire therein, said winding slots having a bottom portion
spaced radially inward;

at least one first winding slot having a tuning slot
that extends radially inward from the bottom thereof a
distance that tunes the rotor to a desired torsional natural
frequency; and

DIRECTOR, U.S. PATENT AND TRADEMARK OFFICE
WASHINGTON, DC 20231COPY OF PAPERS
ORIGINALLY FILED

2834

In re Application of: RICO ET AL.

Serial No.: 09/731,501

Filed: DECEMBER 7, 2000

For: METHOD AND APPARATUS TO TUNE ROTOR'S TORSIONAL NATURAL
FREQUENCY BY GEOMETRY OF ROTOR WINDING SLOT

Transmitted herewith is an amendment in the above-identified application.

- ☐ Small entity status of this application under 37 CFR § 1.27 has been established by a verified statement previously submitted
- ☐ A verified statement to establish small entity status under 37 CFR § 1.27 is enclosed.
- ☒ No additional fee is required.

The fee has been calculated as shown below:

| | (Col. 1) | (Col. 2) | (Col. 3) | | SMALL ENTITY | | | LARGE ENTITY | |
|--|---|---------------------------------------|------------------|--|-----------------------|-----|----|-----------------------|-----|
| FOR: | CLAIMS REMAINING AFTER AMENDMENT | HIGHEST NO. PREVIOUSLY PAID FOR | PRESENT EXTRA | | RATE | FEE | | RATE | FEE |
| TOTAL CLAIMS | | 20 | | | X 9 | \$ | OR | X 18 | \$ |
| INDEPT CLAIMS | | 3 | | | X 42 | \$ | OR | X 84 | \$ |
| <input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEP. CLAIM | | | | | + 135 | \$ | OR | + 270 | |
| | | | | | TOTAL ADD'L FEE | | | TOTAL ADD'L FEE | \$ |

- * If the entry in Col. 1 is less than the entry in Col. 2, write "0" in Col. 3.
- ** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, write "20" in this space.
- *** If the "Highest Number Previously Paid For: IN THIS SPACE is less than 3, write "3" in this space. The "Highest Number Previously Paid For" (Total or Independent) is the highest number found from the equivalent box in Col. 1 of a prior amendment of the number of claims originally filed.

- ☐ The Commissioner is hereby authorized to charged the claim fee in the amount of \$___ to Deposit Account No. 01-0484.
- ☒ The Commissioner is hereby authorized to charge or credit any discrepancies in fee amounts to Deposit Account No. 01-0484.

☒ **PLEASE CONTINUE TO ADDRESS ALL CORRESPONDENCE TO THE ADDRESS OF RECORD:**SIEMENS CORPORATION
INTELLECTUAL PROPERTY DEPARTMENT
186 WOOD AVENUE SOUTH
ISELIN, NJ 08830July 3, 2002
DATEMARK R. MALEK
REG. NO. 46,894RECEIVED
JUL 17 2002
TECHNOLOGY CENTER 2800